

PATENT ABSTRACTS OF JAPAN

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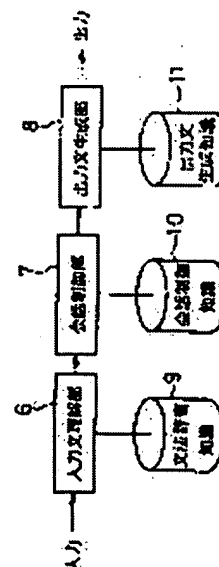
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(54) DEVICE FOR PRACTICING LANGUAGE

(57)Abstract:

PURPOSE: To perform a practice corresponding to the level of ability for language of a learner and to improve a learning effect by detecting the level of the ability for language of the learner based on an inputted sentence and deciding an outputted sentence in accordance with the semantic expression of the inputted sentence and the level of the ability for language.

CONSTITUTION: An inputted sentence understanding part 6 performs the syntax analysis of the sentence inputted by the learner so as to generate a syntax analysis tree, and information with which the level of the ability for language of the learner can be detected is extracted. The dictionary which is used in such a case and the rule of grammar are stored in a grammar dictionary knowledge 9. Next, the semantic expression is generated from the understanding part 6 and the syntax tree and transferred to a conversation control part 7. The control part 7 calculates the synthetic level of the ability for language of the learner and decides the contents of speech by a device in accordance with a conversation control rule stored in a conversation control knowledge 10, then gives them to an outputted sentence generation part 8. The generation part 8 receives the decided contents of speech and information on the level of the ability for language, generates the outputted sentence based on an outputted sentence generation knowledge 11 and outputs it to display.



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